decrypting said encrypted digital data into decrypted digital data;

when said user displays said decrypted digital data, displaying said decrypted digital data using said display permit key;

when said user edits said decrypted digital data, editing said decrypted digital data using said edit permit key;

when said user stores said decrypted digital data, storing said decrypted digital data using said storage permit key;

when said user copies said decrypted digital data, copying said decrypted digital data using said copy permit key;

when said user transfers said decrypted digital data, transferring said decrypted digital data using said transfer permit key.--

--96. The method of claim 95, further comprising the step of supplying said copyright control program from said key control center.--

~~--97. The method of claim 95, further comprising the step of supplying said copyright control program from said database.--~~

--98. The method of claim 95, further comprising the steps of:

supplying a part of said copyright control program from said database; and

supplying another part of said copyright control program from said key control center.--

--99. The method of claim 95, wherein said copyright control program uses at least one of a copyright control message and copyright information of said digital data.--

--100. The method of claim 99, further comprising the step of supplying at least one of said copyright control program, said copyright information and said copyright control message from said key control center.--

--101. The method of claim 99, further comprising the step of supplying at least one of said copyright control program, said copyright information and said copyright control message from said database.--

--102. The method of claim 99, further comprising the steps of:

supplying a part of said copyright control program, said copyright information or said copyright control message from said database; and

supplying another part of said copyright control program, said copyright information or said copyright control message from said key control center.--

--103. The method of claim 99, further comprising the step of entering said copyright information into said digital data.--

--104. The method of claim 103, wherein said copyright information is entered as a computer virus.--

~~--105. The method of claim 99, further comprising the steps of:~~

adding edit history information to said copyright information when said digital data is edited;

adding copy history information to said copyright information when said digital data is copied; and

adding transfer history information to said copyright information ~~when said digital data is transferred.--~~

--106. The method of claim 105, further comprising the step of supplying at least one of said copyright control program, said copyright information and said copyright control message from said key control center.--

--107. The method of claim 105, further comprising the step of supplying at least one of said copyright control program, said copyright information and said copyright control message from said database.--

--108. The method of claim 105, further comprising the steps of:

supplying a part of said copyright control program, said copyright information or said copyright control message from said database; and

supplying another part of said copyright control program, said copyright information or said copyright control message from said key control center.--

--109. The method of claim 105, further comprising the step of entering said copyright information into said digital data.--

--110. The method of claim 109, wherein said copyright information is entered as a computer virus.--

--111. A method for controlling copyrights of digital data comprising the steps of:

supplying encrypted digital data from a database to a user;

in response to a request by said user, supplying a utilization permit key including a crypt key for said digital data from a key control center to said user, said utilization permit key comprising a display permit key, an edit permit key, a storage permit key, a copy permit key and a transfer permit key;

under management of a copyright control program, performing the steps of:

decrypting said encrypted digital data into decrypted digital data;

when said user displays said decrypted digital data, displaying said decrypted digital data using said display permit key;

when said user edits said decrypted digital data, editing said decrypted digital data using said edit permit key;

when said user stores said decrypted digital data, encrypting and storing said decrypted digital data using said storage permit key;

when said user copies said decrypted digital data, encrypting and copying said decrypted digital data using said copy permit key;

when said user transfers said decrypted digital data, encrypting and transferring said decrypted digital data using said transfer permit key.--

--112. The method of claim 111, further comprising the step of supplying said copyright control program from said key control center.--

~~--113. The method of claim 111, further comprising the step of supplying said copyright control program from said database.--~~

--114. The method of claim 111, further comprising the steps of:

supplying a part of said copyright control program from said database; and

supplying another part of said copyright control program from said key control center.--

~~--115. The method of claim 111, wherein said copyright control program uses at least one of a copyright control message and copyright information of said digital data.--~~

--116. The method of claim 115, further comprising the step of supplying at least one of said copyright control program, said copyright information and said copyright control message from said key control center.--

--117. The method of claim 115, further comprising the step of supplying at least one of said copyright control program, said copyright information and said copyright control message from said database.--

--118. The method of claim 115, further comprising the steps of:

supplying a part of said copyright control program, said copyright information or said copyright control message from said database; and

supplying another part of said copyright control program, said copyright information or said copyright control message from said key control center.--

--119. The method of claim 115, further comprising the step of entering said copyright information into said digital data.--

--120. The method of claim 119, wherein said copyright information is entered as a computer virus.--

~~--121. The method of claim 115, further comprising the steps of:~~

adding edit history information to said copyright information when said digital data is edited;

adding copy history information to said copyright information when said digital data is copied; and

adding transfer history information to said copyright information ~~when said digital data is transferred.--~~

--122. The method of claim 121, further comprising the step of supplying at least one of said copyright control program, said copyright information and said copyright control message from said key control center.--

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--123. The method of claim 121, further comprising the step of supplying at least one of said copyright control program, said copyright information and said copyright control message from said database.--

--124. The method of claim 121, further comprising the steps of:

supplying a part of said copyright control program, said copyright information or said copyright control message from said database; and

supplying another part of said copyright control program, said copyright information or said copyright control message from said key control center.--

--125. The method of claim 121, further comprising the step of entering said copyright information into said digital data.--

--126. The method of claim 125, wherein said copyright information is entered as a computer virus.--

--127. A method for controlling copyrights of digital data comprising the steps of:

supplying encrypted digital data from a database to a user;

in response to a request by said user, supplying a crypt key from a key control center to said user;

decrypting said encrypted digital data into decrypted digital data using said crypt key;

displaying said decrypted digital data when said user requests to display said digital data;

editing said decrypted digital data when said user requests to edit said digital data;

encrypting said decrypted digital data again to be stored when said user requests to store said digital data;

encrypting said decrypted digital data again to be copied when said user requests to copy said digital data;

encrypting said decrypted digital data again to be transferred when said user requests to transfer said digital data;

wherein said steps of decrypting and encrypting again are managed by a copyright control program.--

--128. The method of claim 127, further comprising the step of supplying said copyright control program from said key control center.--

--129. The method of claim 127, further comprising the step of supplying said copyright control program from said database.--

--130. The method of claim 127, further comprising the steps of:

supplying a part of said copyright control program from said database; and

supplying another part of said copyright control program from said key control center.--

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--131. The method of claim 127, wherein said copyright control program uses at least one of a copyright control message and copyright information of said digital data.--

--132. The method of claim 131, further comprising the step of supplying at least one of said copyright control program, said copyright information and said copyright control message from said key control center.--

--133. The method of claim 131, further comprising the step of supplying at least one of said copyright control program, said copyright information and said copyright control message from said database.--

--134. The method of claim 131, further comprising the steps of:
supplying a part of said copyright control program, said copyright information or said copyright control message from said database; and
supplying another part of said copyright control program, said copyright information or said copyright control message from said key control center.--

--135. The method of claim 131, further comprising the step of entering said copyright information into said digital data.--

--136. The method of claim 135, wherein said copyright information is entered as a computer virus.--

~~137. The method of claim 131, further comprising~~ the steps of:

~~adding~~ edit history information to said copyright information when said digital data ~~is edited;~~

adding copy history information to said copyright information when said digital data is copied; and

adding transfer history information to said copyright information when said ~~digital data is~~ transferred.--

--138. The method of claim 137, further comprising the step of supplying at least one of said copyright control program, said copyright information and said copyright control message from said key control center.--

--139. The method of claim 137, further comprising the step of supplying at least one of said copyright control program, said copyright information and said copyright control message from said database.--

--140. The method of claim 137, further comprising the steps of:

supplying a part of said copyright control program, said copyright information or said copyright control message from said database; and

supplying another part of said copyright control program, said copyright information or said copyright control message from said key control center.--

--141. The method of claim 137, further comprising the step of entering said copyright information into said digital data.--

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--142. The method of claim 141, wherein said copyright information is entered as a computer virus.--